No. 200200127

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Frito-Lay North America, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

POTATO

'FL 2006'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this fifth day of June, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions*

Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER
Frito-Lay North America, Inc.
2/11/05 sgm

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME
1995 191.2

3. VARIETY NAME
FL 2006

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
7701 Legacy Drive
Plano, Texas 75024
2/11/05 sgm

5. TELEPHONE *(Include area code)*
972-334-3822

6. FAX *(Include area code)*
972-334-5965

FOR OFFICIAL USE ONLY

PVPO NUMBER
200200127

FILING DATE
03/29/02

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
Delaware

9. DATE OF INCORPORATION
8/8/89

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
Robert J. Jondle, Esq.
Rothwell, Figg, Ernst & Manbeck
1425 K Street NW
Suite 800
Washington, D.C. 20005

FEES RECEIVED

FILING AND EXAMINATION FEES:
$ 2705.00
DATE 03/29/02

CERTIFICATION FEE:
$ 768.00
DATE 09/07/07

11. TELEPHONE *(Include area code)*
402-333-1550

12. FAX *(Include area code)*
402-333-1510

13. E-MAIL
rjondle@rothwellfigg.com

14. CROP KIND *(Common Name)*
Potato

15. GENUS AND SPECIES NAME OF CROP
Solanum tuberosum

16. FAMILY NAME *(Botanical)*
Solanaceae

17. IS THE VARIETY A FIRST GENERATION HYBRID?
☐ YES ☒ NO

18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of Variety
d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
f. ☐ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ☐ Filing and Examination Fee ($2,705), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 20 and 21 below)* ☒ NO *(If "no", go to item 22)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? ☐ YES ☐ NO
IF YES, WHICH CLASSES? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? ☐ YES ☐ NO
IF YES, SPECIFY THE NUMBER 1,2,3, *etc.* ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? per letter 2-22-07 LMC 3-6-07
☒ YES ☐ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
☐ YES ☒ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER		SIGNATURE OF OWNER	
Thomas P. Schur			
NAME *(Please print or type)*		NAME *(Please print or type)*	
Thomas P. Schur			
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
Secretary, Recot, Inc.	19 MAR 02		

S&T-470 (04-01) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (02-99) which is obsolete. *(See reverse for instructions and information collection burden statement)*

INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed Exhibits A, B, C, E; (3) at least 2,500 viable untreated seeds, or for tuber reproduced varieties verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in a public repository prior to issuance of a certificate; (4) check drawn on a U.S. bank for $2,450 ($300 filing fee and $2,150 examination fee), payable to "Treasurer of the United States" *(See Section 97.175 of the Regulations and Rules of Practice.)* Partial applications will be held in the PVPO for not more than 30 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 500, NAL Building, 10301 Baltimore Blvd., Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of $300 for issuance of the Certificate.

Plant Variety Protection Office
Telephone: (301) 504-5518

#200200127

ITEM

16a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;

(2) the details of subsequent stages of selection and multiplication;

(3) evidence of uniformity and stability; and

(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified.

16b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;

(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences;

(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.

16c. Exhibit C forms are available from the PVPO for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

16d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.

16e. Section 52(4) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. The applicant may be the actual breeder, the employee of the breeder, the owner through purchase or inheritance, etc.

17. If "Yes" is specified *(seed of this variety be sold by variety name only, as a class of certified seed)*, the applicant may NOT reverse this affirmative decision after the variety has been sold and so labelled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See P.L. 103-349 for additional information.)*

20. See Sections 41, 42, and 43 of the Act and Section 97.175 of the regulations for eligibility requirements.

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of Regulations and Rules of Practice.)*

To avoid conflict with other variety names in use, the applicant should check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center–East, Beltsville, MD 20705. Telephone: (301) 504-8089.

Date and Place of First Sale of FL 2006

'FL 2006' was first sold in South Africa in January 2005.

Exhibit A: Origin and Breeding History of the Variety

FL 2006 originated in the Frito-Lay, Inc. private potato breeding program. The variety is the result of classical hybridization breeding. No gene insertion was involved in the breeding of FL 2006 or its parents. In 1991, Robert W. Hoopes made a cross at the Frito-Lay Research facility near Rhinelander, Wisconsin between the varieties Atlantic and FL 1815. Atlantic was chosen as a breeding parent because of its high solids and yields and its potential for transmitting Golden Nematode resistance to its progeny. FL 1815 was chosen as a breeding parent because of its high yields, excellent chip quality out of cold storage and its potential for transmitting scab resistance.

Seeds from the cross Atlantic x FL 1815 were sown in a greenhouse near Rhinelander in the summer of 1994 and the resulting tubers were harvested in late fall of that year. Seedling tubers were planted in the field in the spring of 1995. One of the selections from this progeny was given the designation "1995 191.2". This selection was tested for two years in the fields near Rhinelander and one more year in Rhinelander, Iola and Florida, with solids measurements and potato chip fry samples taken after each harvest. It had excellent yields in the central Wisconsin trial out of the mild and late harvests. 1995 191.2 was found to have oval blocky yellow-fleshed tubers that flatten somewhat with size. Its outstanding attributes were excellent chip appearance when processed fresh from the field and over a seven month period from storage.

In 1998, 1995 191.2 was given the name "FL 2006". It was tested in twenty-six variety trials conducted by Frito-Lay throughout the United States, Canada and Europe in 1999 and 2000. In long growing season areas, it consistently had higher solids and yields than Snowden. It also continues to fry well out of extended storage. FL 2006 has completed two consumer tests at parity with Frito-Lay Gold Standard potato chips. Its average total defects have been less than 6, indicating excellent chipping quality.

FL 2006 was observed for 6 generations in 26 locations and was determined to be genetically uniform and stable from generation to generation with no evidence of variants.

Tissue culture plantlets of FL 2006 were established in 1998 and are maintained at the Frito-Lay Research facility near Rhinelander, Wisconsin with a duplicate maintained by the Wisconsin Seed Potato Certification Program in Madison, Wisconsin.

FL 2006 Pedigree

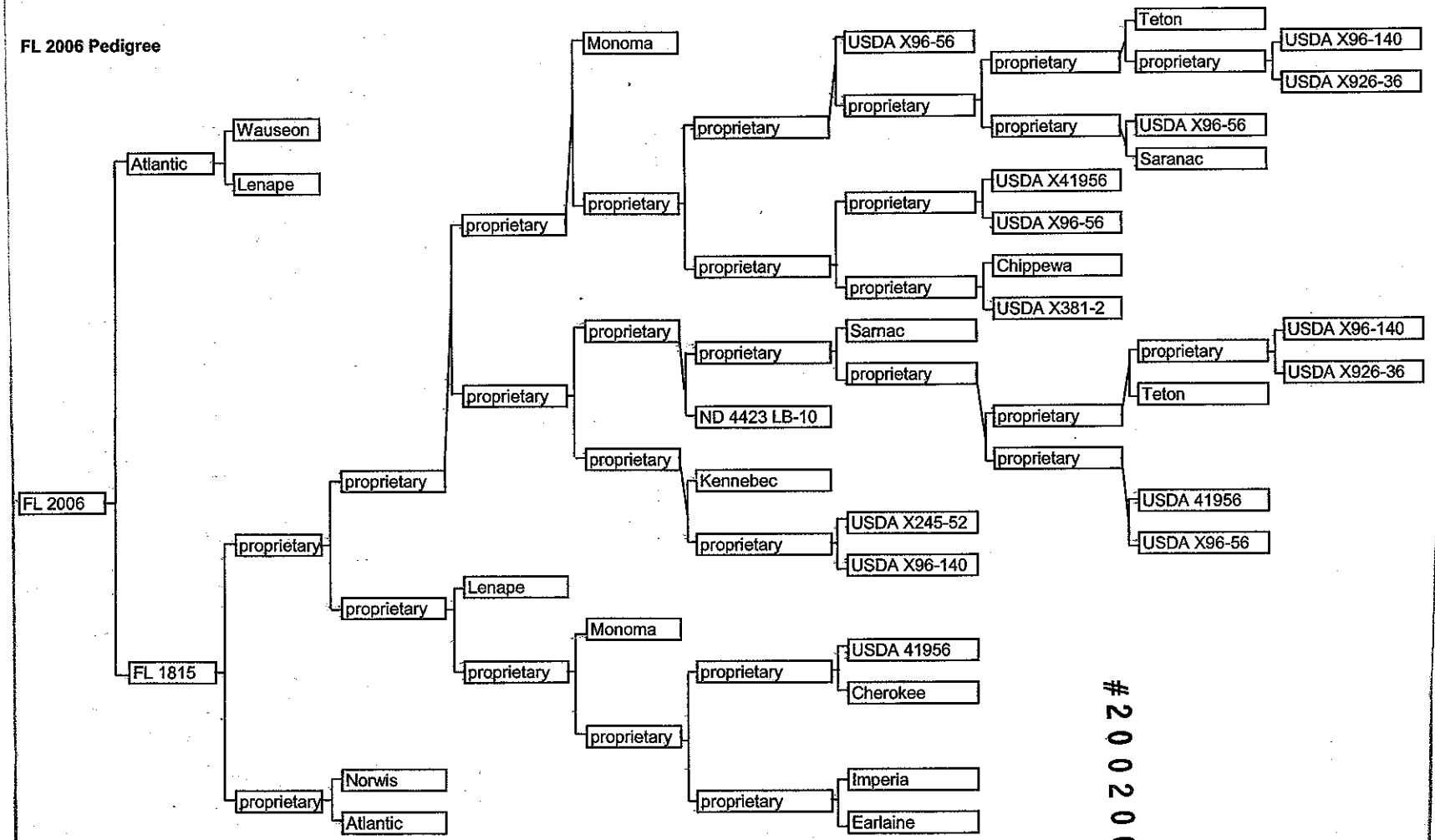

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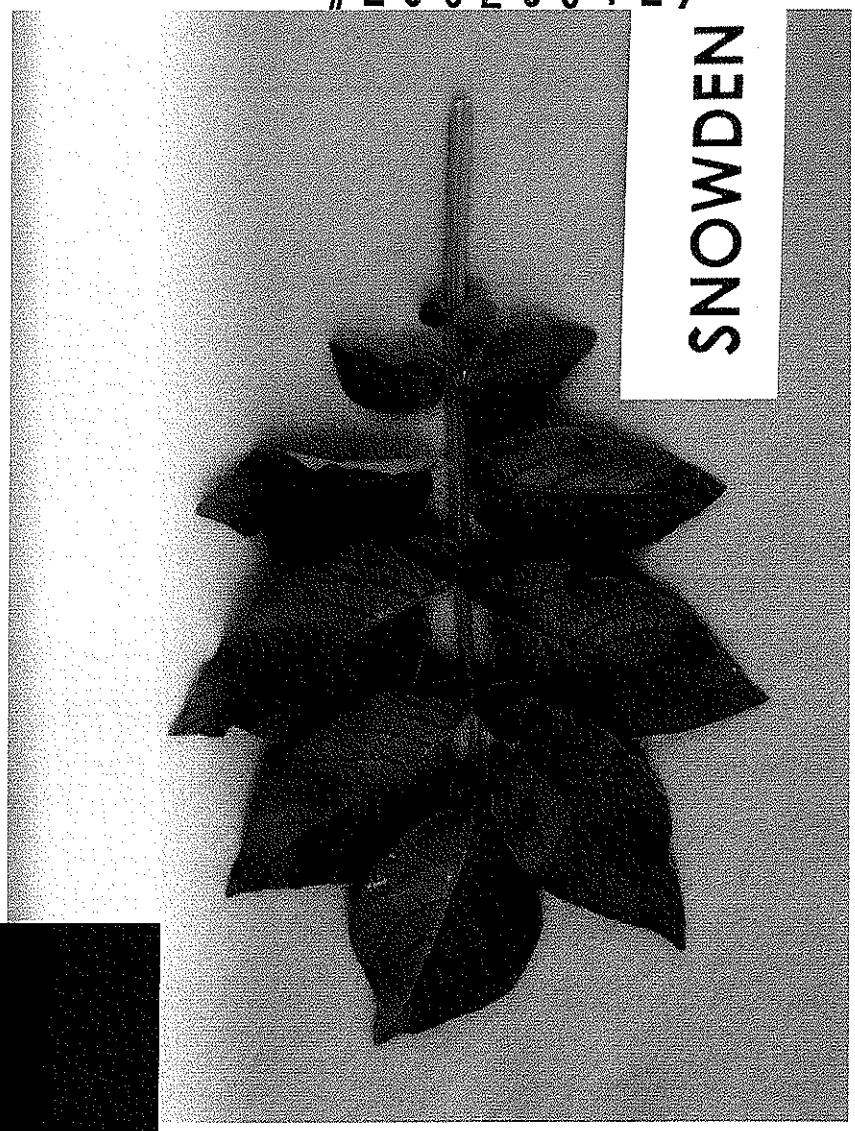
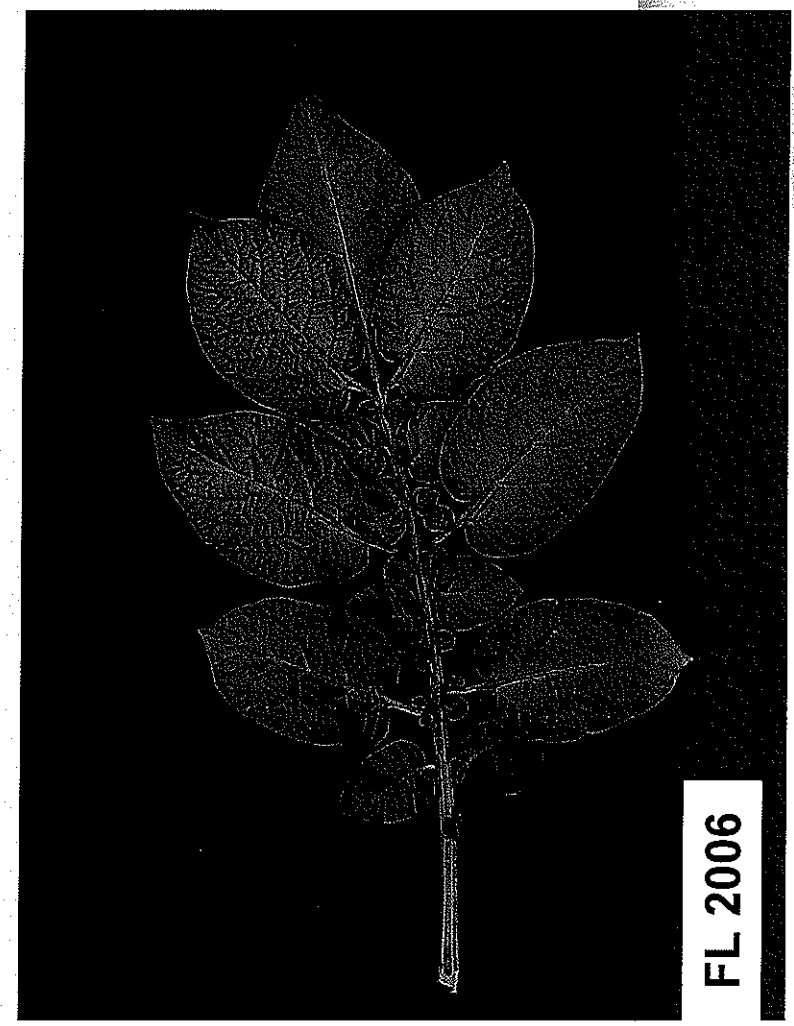
Exhibit B: Statement of Distinctness

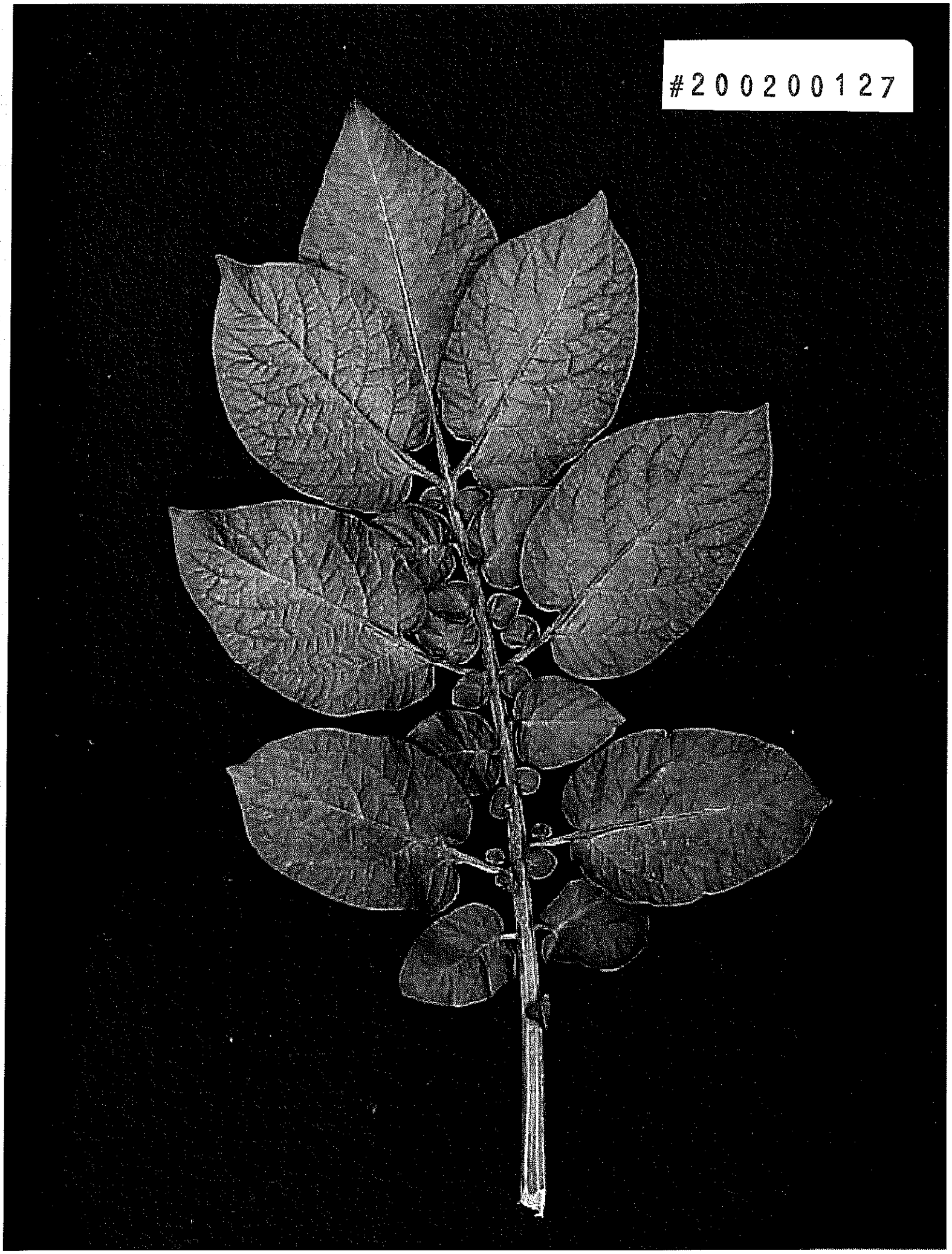
As a chipping variety for fresh use and for up to seven months use out of storage at 52°F, FL 2006 is most similar to Snowden. FL 2006 can be distinguished from Snowden with regard to the following traits: FL 2006 tubers have pale yellow flesh (RHS 162C), while Snowden tubers have white flesh (RHS 158A). FL 2006 has tubers with violet eyes (RHS 87A), while the eyes of the tubers of Snowden do not contain pigmentation. FL 2006 has an average of 7.2 secondary and tertiary leaflet pairs, while Snowden has an average of 4 secondary and tertiary leaflet pairs. While both FL 2006 and Snowden have round tuber shapes, the tubers of FL 2006 tend to be more narrow and longer, while the tubers of Snowden are more blocky and frequently compressed. Additionally, the flower color of FL 2006 is blue-violet (RHS 96B fading to RHS 97B), while the flowers of Snowden are white (RHS 155C).

The isozyme pattern of FL 2006, as established by Dr. David Douches of Michigan State University is unique among known North American varieties. This is detailed in Exhibit D, Additional Description of the Variety.

#200200127



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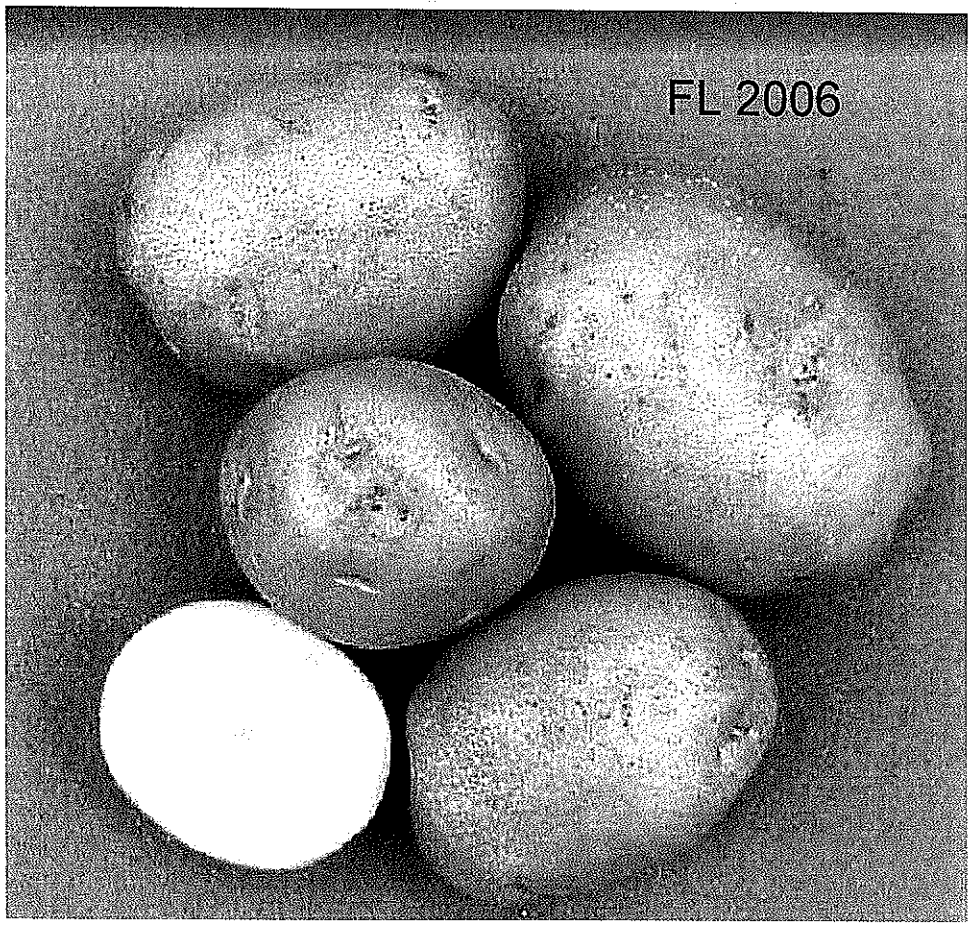
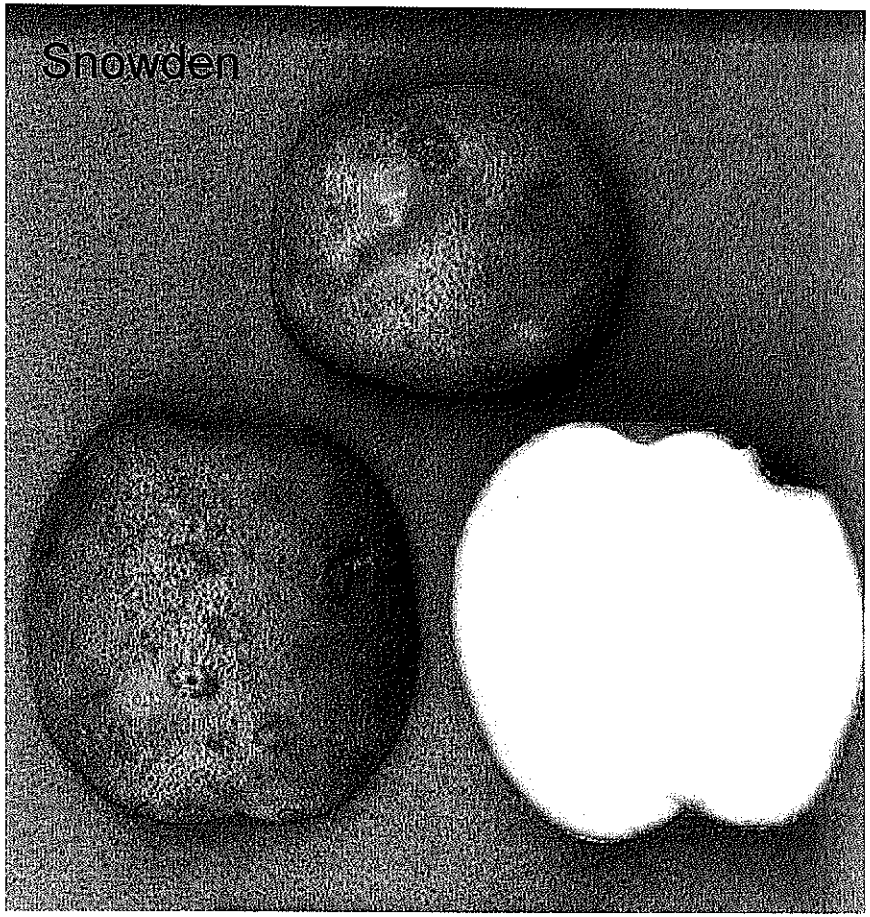




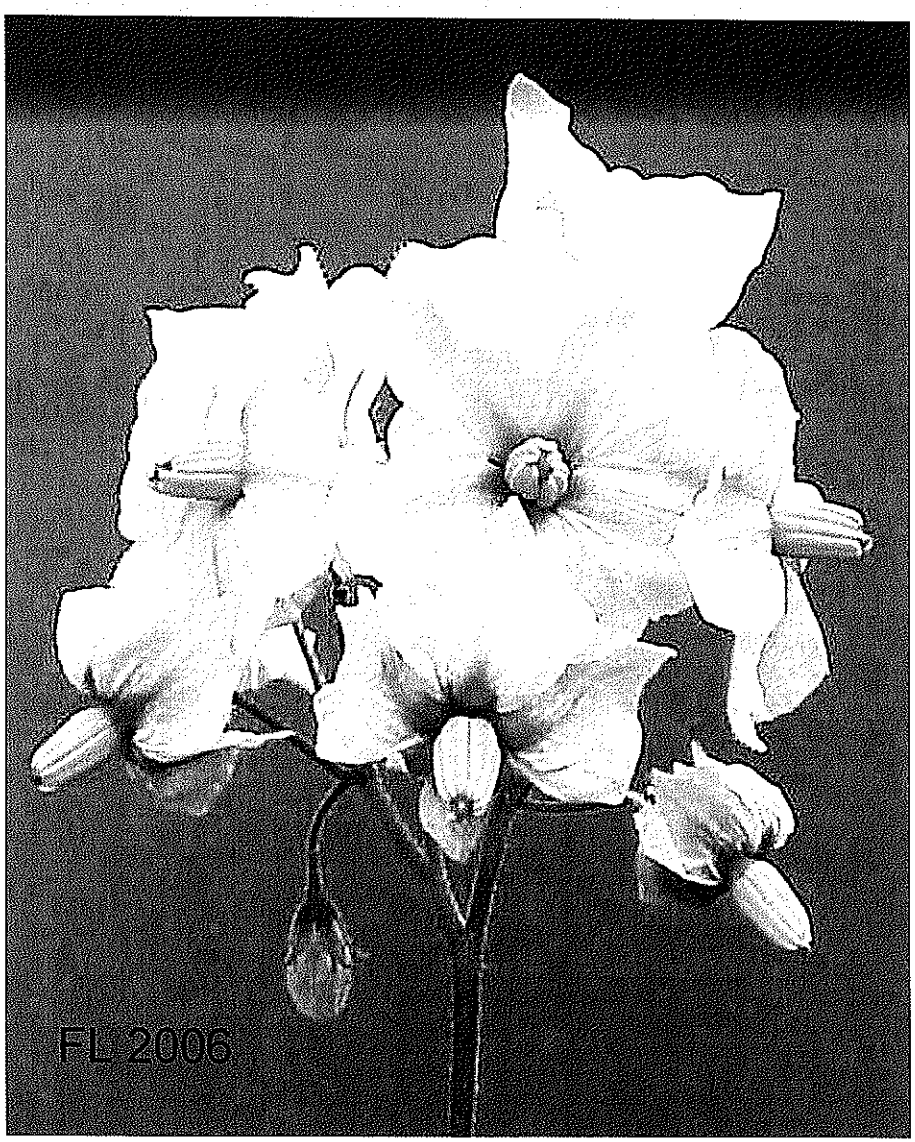
Tuber flesh color RHS # 162C, pale yellow

Tuber secondary skin color in eyes RHS # 87A, violet

Tuber flesh color RHS #158A, white

Tuber secondary skin color in eyes absent, white

#20020012
No. R590-15 WESTCOTT® Flexible Stainl



Corolla color RHS #96B when first open, fades to 97B

Corolla color RHS #155C, white

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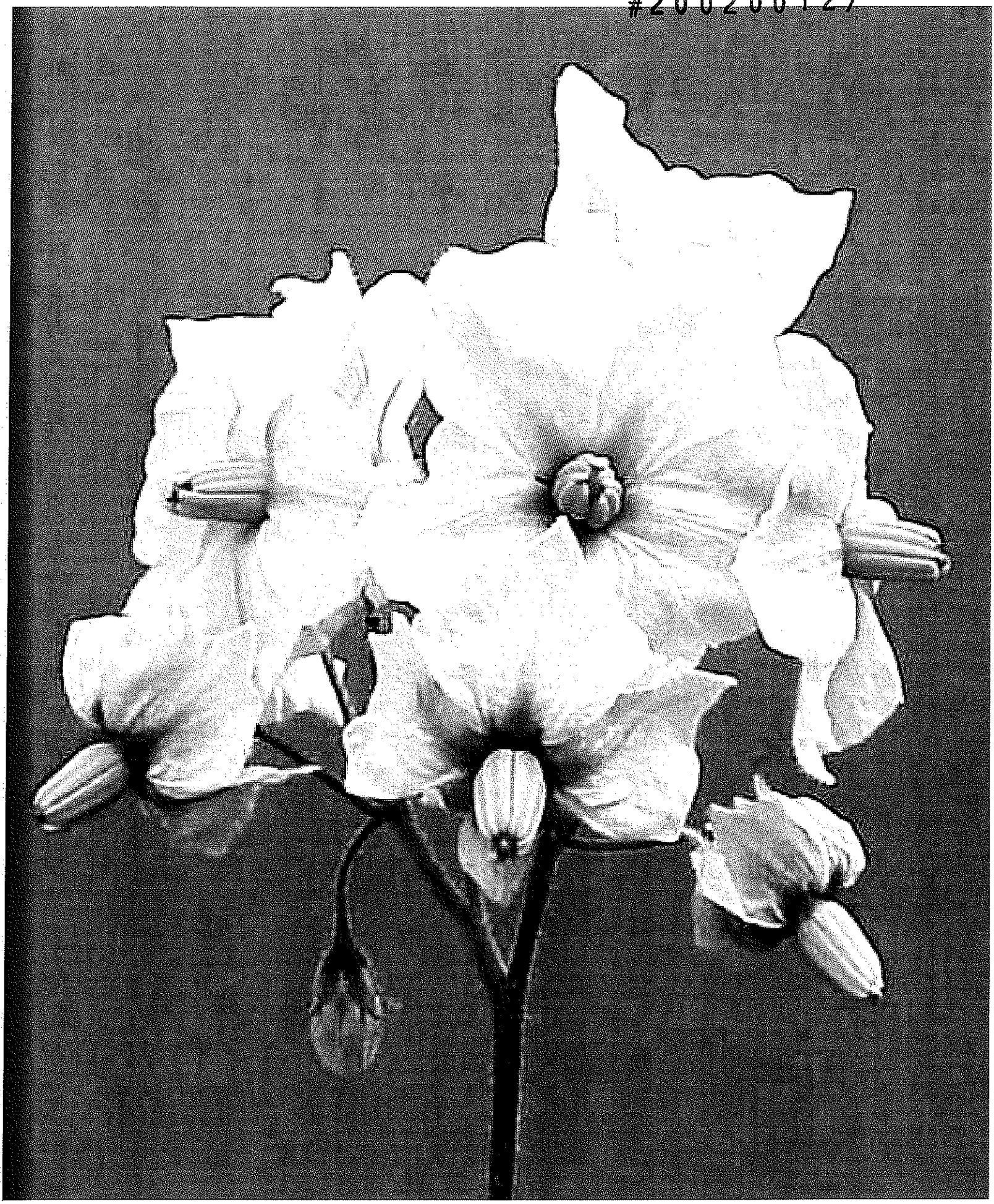

FL 2006

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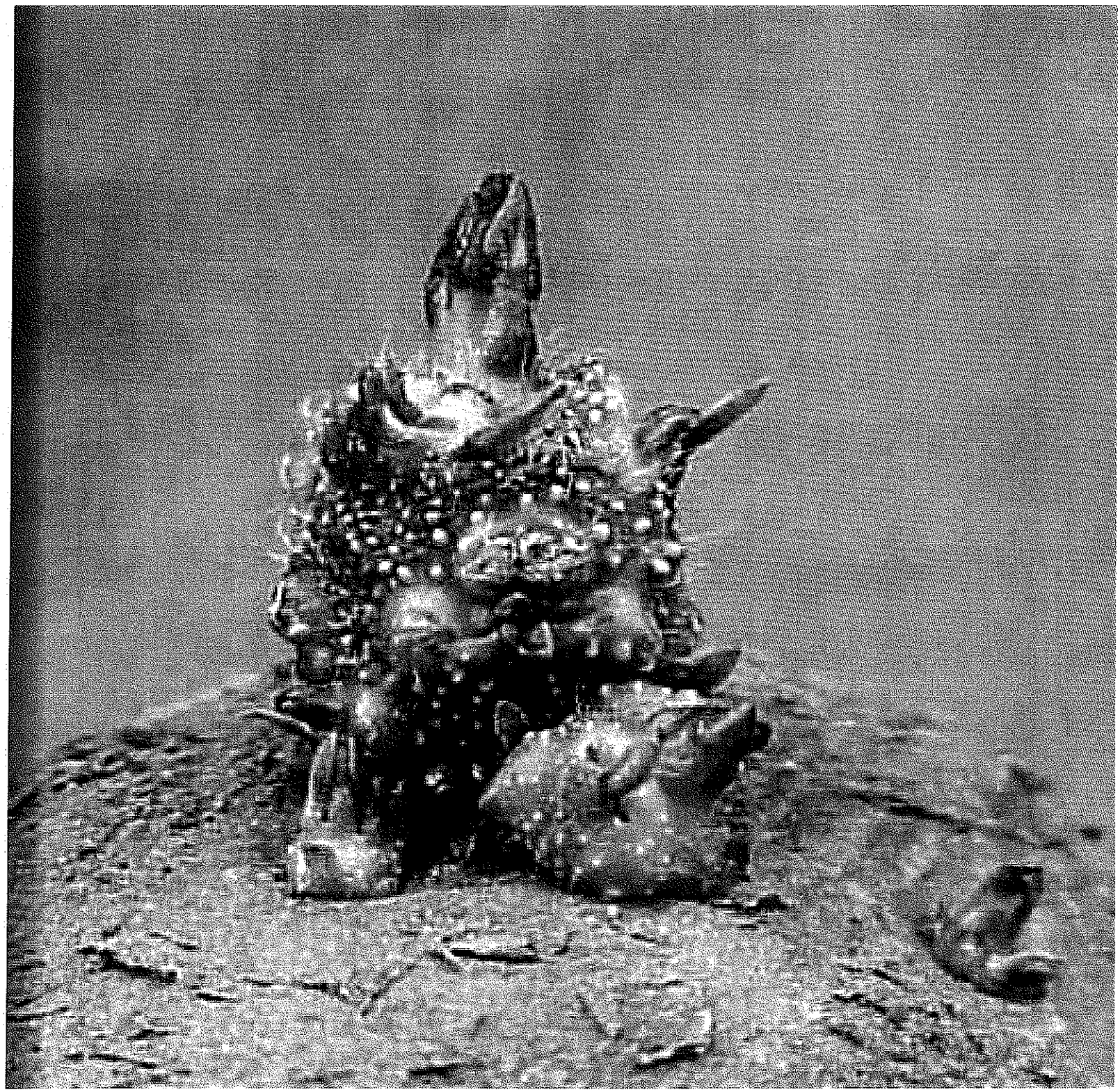

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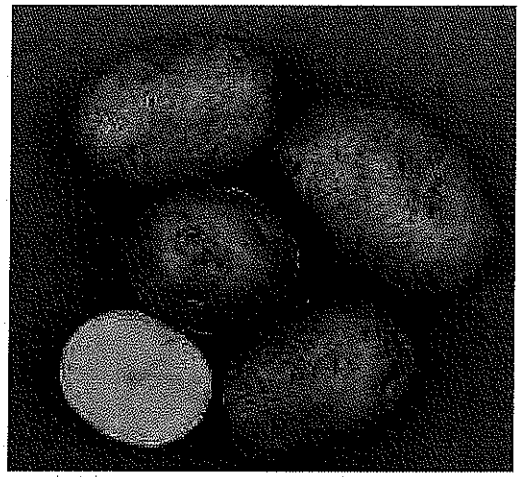


FL 2006

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY DIVISION
PLANT VARIETY PROTECTION OFFICE

EXHIBIT C
OBJECTIVE DESCRIPTION OF VARIETY
POTATO (*Solanum tuberosum* L.)

INSTRUCTIONS

#200200127

The Objective Description Form:
The objective description form lists characteristics to be used as the basis for developing the description of potato varieties. It is designed to guide the applicant in describing a variety in detail so a meaningful comparison with other potato varieties can be accomplished. It is recommended that this form be completed in as much detail as possible to ensure an accurate description. Please fill in the requested data and place the appropriate number that describes the varietal characters typical of this potato variety and the reference varieties in the respective boxes.

Test Guidelines:
Any statistical and trial (field test) data that may be necessary to support the variety description should be attached to this form. Please include for trial data the plot size, number of replications, number of plants, plant spacing, trial locations and growing periods. Trials should normally be conducted at one place, in the region that the variety has been adapted for, with a minimum of one growing period in the United States. All comparative data should be determined from varieties entered in the same trials. The size of the plots should be such that plants or parts of plants may be removed for measuring and counting without prejudice to the observations which must be made at the end of the growing period. As a minimum, each test should include a total of 60 plants which should be divided between two or more replicates. Separate plots for observation and measuring can only be used if they have been subject to similar environmental conditions. To determine color for a plant or plant parts a recognized standard color chart must be used such as the Royal Horticultural Society (R.H.S.) Color Chart.

Reference Varieties:
The application variety should be compared to at least one reference variety preferably a set of reference varieties. The reference varieties should be market class standard varieties currently grown in the United States and or the variety(ies) most similar. The following varieties are recommended as market class standards to be used as reference varieties:

Yellow-flesh table-stock	**Yukon Gold**
Round-white table-stock	**Superior**
Chip-processing	**Atlantic, Snowden, Norchip**
Frozen-processing	**Russet Burbank**
Russet table-stock	**Russet Burbank, Russet Norkotah, Goldrush**
Red table-stock	**Red Pontiac, Red Norland, Red Lasoda**

If the applicant does not use one of the recommended reference varieties the PVP office may not have a complete description for the reference variety used; therefore the applicant may have to supply this description by completing an Exhibit C form for the reference variety.

Characteristics:
The plant type and growth habit characteristics are collected at early first bloom. Figure 1 is supplied to help visualize the growth habit. For this descriptor, look at the stems rather than the stems and foliage. Plant maturity is measured at natural vine senescence.

Stem characteristics are also collected at early bloom. Stem anthocyanin coloration is divided into two descriptors: Location and intensity. Figure 12 is supplied to give an example of stem wings.

Leaf characteristics are observed at early first bloom. Fully-developed leaves located on the middle third of the plant should be used. Leaf pubescence refers to general trichomes. Figure 2 is supplied for examples of leaf silhouette. Figure 3 should be used to describe terminal and primary leaflet shape. Figures 4 and 5 are used to describe the terminal and primary leaflet shape of tip and base, respectively. To measure the total number of primary leaflets pairs, collect 10 fully- developed petioles (with leaves attached from each replication and take the average number of secondary and tertiary leaflets. Figure 11 is supplied to define leaf characteristics. Glandular trichomes should be described through descriptor #12 (Additional Comments and Characteristics). Leaf stipules are shown in figure 13 for visual definition.

Inflorescence characteristics should be measured at early first bloom. Figures 6 and 7 are supplied to describe corolla and anther shape, respectively. Corolla, calyx, anther, stigma and pollen should be observed on newly opened flowers.

Berry production should be based on field-grown plants rather than greenhouse plants.

Tuber characteristics should be observed following harvest. Figures 9 and 10 are available to describe distribution of secondary color and tuber shape, respectively.

Disease and pest reactions should be based upon specific tests rather than field observations. Other diseases or pests reactions not requested can be described if it is felt that it would be helpful to the description.

Quality characteristics should be described according to the market use.

If the plant is transgenic, this gene insertion(s) should be described.

Chemical identification and any other characteristics can be describe if they are helpful in distinguishing the variety.

A rating system of 1-9 provides a scale for describing most characteristics in this form. Characteristic may be rated with intermediate values where the characteristic grades gradually from one extreme to another. For example, if the character states are described as: 3 = Small; 5 = Medium; 7 = Large; the other values of 1, 2, 4, 6, 8, or 9 may be selected.

Legend:

V = Application Variety

R1-R4 = Reference Varieties

* = Both the reference variety(ies) and application variety must be described for characteristics designated with an asterisk.

NAME OF APPLICANT(S)	FOR OFFICIAL USE ONLY
Frito-Lay North America, Inc.	PVPO NUMBER #200200127
ADDRESS *(Street and No. or R.F.D. No., City, State, and Zip Code)*	**VARIETY (V) NAME**
7701 Legacy Drive Plano, Texas 75024	FL 2006
	TEMPORARY OR EXPERIMENTAL DESIGNATION
	1995 191.2

REFERENCE VARIETIES: Enter the reference variety name in the appropriate box

Reference Variety 1 (R1)	Reference Variety 2 (R2)	Reference Variety 3 (R3)	Reference Variety 4 (R4)
Snowden			

1. MARKET CHARACTERISTICS:

MARKET CLASS:

1 = Yellow-flesh tablestock; 2 = Round-white tablestock; 3 = Chip-processing; 4 = Frozen-processing; 5 = Russet tablestock; 6 = Other_____.

V	R1	R2	R3	R4
3	3			

2. PLANT CHARACTERISTICS:

GROWTH HABIT: *(See figure 1)*

3 = Erect (>45° with ground); 5 = Semi-erect (30-45° with ground); 7 = Spreading.

V	R1	R2	R3	R4
5	5			

TYPE:

1 = Stem (foliage open, stems clearly visible); 2 = Intermediate; 3 = Leaf (Foliage closed, stems hardly visible)

V	R1	R2	R3	R4
2	2			

MATURITY: Days after planting (DAP) at vine senescence

The maturity of FL 2006 is comparable to Snowden. Time to maturity varies according to specific locality and growing season.

V	R1	R2	R3	R4
130	130			

PLANTING DATE:

V	R1	R2	R3	R4

REGION/AREA:

V	R1	R2	R3	R4
	WI			

MATURITY CLASS:
1 = Very Early (<100 DAP); 2 = Early (100-110 DAP); 3 = Mid-season (111-120 DAP); 4 = Late (121-130 DAP); 5 = Very Late (>130 DAP).

V	R1	R2	R3	R4
4	4			

3. STEM CHARACTERISTICS: *Measure at early first bloom*

* **STEM ANTHOCYANIN COLORATION:**
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

V	R1	R2	R3	R4
7	1			

STEM WINGS: *(See figure 12)*
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

V	R1	R2	R3	R4
7	7			

4. LEAF CHARACTERISTICS:

LEAF COLOR: *(Observe fully developed leaves located on middle $^1/_3$ of plant)*
1 = Yellowish-green; 2 = Olive-green; 3 = Medium green; 4 = Dark green; 5 = Grey-green; 6 = Other_____

V	R1	R2	R3	R4
4	3			

LEAF COLOR CHART VALUE: **Royal Horticulture Society Color Chart or Munsell Color Chart**
(Observe fully developed leaves located on middle $^1/_3$ of plant & circle the appropriate color chart)

V	R1	R2	R3	R4
147A Dark	137A			

LEAF PUBESCENCE DENSITY:
1 = Absent; 2 = Sparse; 3 = Medium; 4 = Thick; 5 = Heavy

V	R1	R2	R3	R4
4	3			

4 on back, 3 on front

LEAF PUBESCENCE LENGTH:
1 = None; 2 = Short; 3 = Medium; 4 = Long; 5 = Very long

V	R1	R2	R3	R4
3	4			

(Note: Descriptor #19 can be used to describe the type and length of the glandular trichomes observed.)

* **LEAF SILHOUETTE:** *(See figure 2)*
1 = Closed; 3 = Medium; 5 = Open

V	R1	R2	R3	R4
3	3			

PETIOLES ANTHOCYANIN COLORATION:
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very Strong

V	R1	R2	R3	R4
7	1			

LEAF STIPULES SIZE: *(See figure 13)*
1 = Absent; 3 = Small; 5 = Medium; 7 = Large

V	R1	R2	R3	R4
5	7			

TERMINAL LEAFLET SHAPE: *(See figure 3 & 11)*
1 = Narrowly ovate; 2 = Medium ovate; 3 = Broadly ovate; 4 = Lanceolate; 5 = Elliptical;
6= Obovate; 7 = Oblong; 8 = Other_____

V	R1	R2	R3	R4
2	2			

TERMINAL LEAFLET TIP SHAPE: *(See figure 4 & 11)*
1 = Acute; 2 = Cuspidate; 3 = Acuminate; 4 = Obtuse; 5 = Other_____

V	R1	R2	R3	R4
3	3			

* **TERMINAL LEAFLET BASE SHAPE:** *(See figure 5 & 11)*
1 = Cuneate; 2 = Acute; 3 = Obtuse; 4 = Cordate; 5 = Truncate; 6 = Lobed; 7 = Other_____

V	R1	R2	R3	R4
4	4			

* **TERMINAL LEAFLET MARGIN WAVINESS:**
1 = Absent; 2 = Slight; 3 = Weak; 4 = Medium; 5 = Strong

V	R1	R2	R3	R4
3	4/5			

The leaves tend to be quite textured

NUMBER OF PRIMARY LEAFLET PAIRS: *(See figure 11)*

AVERAGE:

V	R1	R2	R3	R4
4	4			

RANGE:

V	R1	R2	R3	R4
4 to 5	4 to 5	to	to	to

PRIMARY LEAFLET TIP SHAPE: *(See figure 4 & 11)*
1 = Acute; 2 = Cuspidate; 3 = Acuminate; 4 = Obtuse; 5 = Other_____

V	R1	R2	R3	R4
3	3			

* **PRIMARY LEAFLET SIZE:**

1 = Very Small; 2 = Small; 3 = Medium; 4 = Large; 5 = Very Large

V	R1	R2	R3	R4
3 to 4	3			

PRIMARY LEAFLET SHAPE: *(See figure 3 & 11)*

1 = Narrowly ovate; 2 = Medium ovate; 3 = Broadly ovate; 4 = Lanceolate; 5 = Elliptical; 6= Obovate; 7 = Oblong; 8 = Other_____

V	R1	R2	R3	R4
1	2			

PRIMARY LEAFLET BASE SHAPE: *(See figure 5 & 11)*

1 = Cuneate; 2 = Acute; 3 = Obtuse; 4 = Cordate; 5 = Truncate; 6 = Lobed; 7 = Other_____

V	R1	R2	R3	R4
4	4			

NUMBER OF SECONDARY AND TERTIARY LEAFLET PAIRS: *(See figure 11)*

AVERAGE:

V	R1	R2	R3	R4
7.2	4			

RANGE:

V	R1	R2	R3	R4
4 to 9	3 to 5	to	to	to

5. INFLORESCENCE CHARACTERISTICS:

NUMBER OF INFLORESCENCE / PLANT:

AVERAGE:

V	R1	R2	R3	R4
4.8	2			

RANGE:

V	R1	R2	R3	R4
2 to 9	1 to 2	to	to	to

NUMBER OF FLORETS / INFLORESCENCE:

AVERAGE:

V	R1	R2	R3	R4
16	4.9			

RANGE:

V	R1	R2	R3	R4
10 to 34	1 to 10	to	to	to

* **COROLLA INNER SURFACE COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart**

(Measure predominant color of newly open flower & circle the appropriate color chart)

V	R1	R2	R3	R4
96B	155C			

V=Reticulated joint-dark pigment

* **COROLLA OUTER SURFACE COLOR CHART VALUE:** **Royal Horticulture Society Color Chart or Munsell Color Chart**

(Measure predominant color of newly open flower & circle the appropriate color chart)

V	96C	**R1**	155C	**R2**		**R3**		**R4**	

#200200127

* **COROLLA INNER SURFACE COLOR:** *(Measure predominant color of newly open flower)*
1 = White; 2 = Red-violet; 3 = Blue-violet; 4 = Other_____

V	3	R1	1	R2		R3		R4	

COROLLA SHAPE: *(See figure 6)*
1 = Very rotate; 2 = Rotate; 3 = Pentagonal; 4 = Semi-stellate; 5 = Stellate

V	3	R1	4	R2		R3		R4	

CALYX ANTHOCYANIN COLORATION:
1 = Absent; 3 = Weak; 5 = Medium; 7 = Strong; 9 = Very strong

V	7	R1	1	R2		R3		R4	

ANTHER COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Measure when newly opened flower is fully expanded and circle the appropriate color chart)

V	12A	R1	14B	R2		R3		R4	

ANTHER SHAPE: *(See figure 7)*
1 = Broad cone; 2 = Narrow cone; 3 = Pear shape cone; 4 = Loose; 5 = Other_____

V	2	R1	3	R2		R3		R4	

v=stigma a little shorter/even with anthers

POLLEN PRODUCTION:
1 = None; 3 = Some; 5 = Abundant

V	3	R1	1	R2		R3		R4	

STIGMA SHAPE: *(See figure 8)*
1 = Capitate; 2 = Clavate; 3 = Bi-lobed

V	1	R1	1	R2		R3		R4	

STIGMA COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	146A	R1	137B	R2		R3		R4	

BERRY PRODUCTION: *(Under field conditions)*
1 = None; 3 = Low; 5 = Moderate; 7 = Heavy; 9 = Very heavy

V	5	R1	1	R2		R3		R4	

5. TUBER CHARACTERISTICS:

* PREDOMINANT SKIN COLOR:

1 = White; 2 = Light Yellow; 3 = Yellow; 4 = Buff; 5 = Tan; 6 = Brown; 7 = Pink; 8 = Red; 9 = Purplish-red; 10 = Purple; 11 = Dark purple-black; 12 = Other_____

V	4	R1	5	R2		R3		R4	

PREDOMINANT SKIN COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	199C	R1	199B	R2		R3		R4	

SECONDARY SKIN COLOR:
1 = Absent; 2 = Present, please describe: eyes are blue in color

V	2 - violet	R1	1	R2		R3		R4	

SECONDARY SKIN COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color)

V	87A	R1	Absent per new Inf provided 02-22-07 LMC 8-03-2007	R2		R3		R4	

SECONDARY SKIN COLOR DISTRIBUTION:
1 = Eyes; 2 = Eyebrows; 3 = Splashed; 4 = Scattered; 5 = Spectacled; 6 = Stippled; 7 = Other_____

V	1	R1		R2		R3		R4	

SKIN TEXTURE:
1 = Smooth; 2 = Rough (flaky); 3 = Netted; 4 = Russetted; 5 = Heavily russetted; 6 = Other_____

V	2	R1	3	R2		R3		R4	

* TUBER SHAPE: *(See figure 10)*
1 = Compressed; 2 = Round; 3 = Oval; 4 = Oblong; 5 = Long; 6 = Other_____

V	3	R1	3	R2		R3		R4	

TUBER THICKNESS:
1 = Round; 2 = Medium thick; 3 = Slightly flattened; 4 = Flattened; 5 = Other_____

V	3	R1	2	R2		R3		R4	

TUBER LENGTH (mm):

AVERAGE:

V	R1	R2	R3	R4
78.68	67.14			

RANGE:

V	R1	R2	R3	R4
60 to 108	51 to 88	to	to	to

STANDARD DEVIATION:

V	R1	R2	R3	R4
10.57	8.63			

AVERAGE WEIGHT OF SAMPLE TAKEN:

V	R1	R2	R3	R4

TUBER WIDTH (mm):

AVERAGE:

V	R1	R2	R3	R4
61.44	65.72			

RANGE:

V	R1	R2	R3	R4
49 to 81	51 to 84	to	to	to

STANDARD DEVIATION:

V	R1	R2	R3	R4
7.28	5.96			

AVERAGE WEIGHT OF SAMPLE TAKEN:

V	R1	R2	R3	R4

TUBER THICKNESS (mm):

AVERAGE:

V	R1	R2	R3	R4
48.75	51.53			

RANGE:

V	R1	R2	R3	R4
36 to 61	38 to 63	to	to	to

STANDARD DEVIATION:

V	R1	R2	R3	R4
4.55	4.46			

AVERAGE WEIGHT OF SAMPLE TAKEN:

V	R1	R2	R3	R4

TUBER EYE DEPTH:

1 = Protruding; 2 = Shallow; 3 = Intermediate; 4 = Deep; 5 = Very deep

V	R1	R2	R3	R4
2/3	3/4			

TUBER LATERAL EYES
1 = Protruding; 2 = Shallow; 3 = Intermediate; 4 = Deep; 5 = Very deep

V	R1	R2	R3	R4
2	3			

v=occasional protruding

NUMBER EYE / TUBER:

AVERAGE:

V	R1	R2	R3	R4
11.25	11.6			

RANGE:

V	R1	R2	R3	R4
10 to 13	10 to 13	to	to	to

DISTRIBUTION OF TUBER EYES:
1 = Predominantly apical; 2 = Evenly distributed

V	R1	R2	R3	R4
1	1			

PROMINENCE OF TUBER EYEBROWS:
1 = Not prominent; 2 = Slight prominence; 3 = Medium prominence; 4 = Very prominent; 5 = Other_____

V	R1	R2	R3	R4
2/3	2			

* **PRIMARY TUBER FLESH COLOR CHART VALUE:** Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	R1	R2	R3	R4
Light Yellow 162C	White 158A			

per new information 02-22-07
LMC 3-03-2007

SECONDARY TUBER FLESH COLOR:
1 = Absent; 2 = Present, please describe: _____

V	R1	R2	R3	R4

SECONDARY TUBER FLESH COLOR CHART VALUE: Royal Horticulture Society Color Chart or Munsell Color Chart
(Circle the appropriate color chart)

V	R1	R2	R3	R4

NUMBER OF TUBERS / PLANT:
1 = Low (<8); 2 = Medium (8 -15); 3 = High (>15)

V	R1	R2	R3	R4
2	2			

6. DISEASES CHARACTERISTICS:

DISEASES REACTION: 0 = NOT TESTED; 1 = RESISTANT; 3 = MODERATELY RESISTANT; 5 = MODERATELY SUSCEPTIBLE; 7=SUSCEPTIBLE; 9=HIGHLY SUSCEPTIBLE

BACTERIAL RING ROT, FOLIAR REACTION:

V		R1		R2		R3		R4	

BACTERIAL RING ROT, TUBER REACTION:

V		R1		R2		R3		R4	

LATE BLIGHT:

V	4	R1	0	R2		R3		R4	

PLRV (LEAF ROLL):

V		R1		R2		R3		R4	

PVX:

V		R1		R2		R3		R4	

PVY:

V		R1		R2		R3		R4	

OTHER: Soft rot (Erwinia)

V	4	R1	0	R2		R3		R4	

OTHER: per new information 02-22-07 LMC 08-03-07

V		R1		R2		R3		R4	

7. PESTS CHARACTERISTICS:

PEST REACTION: 0 = NOT TESTED; 1 = RESISTANT; 3 = MODERATELY RESISTANT; 5 = MODERATELY SUSCEPTIBLE; 7=SUSCEPTIBLE; 9=HIGHLY SUSCEPTIBLE

GOLDEN NEMATODE: presumed susceptible based on pedigree

V	7	R1	7	R2		R3		R4	

OTHER:

V		R1		R2		R3		R4	

8. GENE TRAITS:

INSERTION OF GENES: ☐ YES ☐ NO

If YES, describe the gene(s) introduced or attach information:

9. QUALITY CHARACTERISTICS:

CHIEF MARKET:
Processing for potato chip production

SPECIFIC GRAVITY (wt. air /wt. air - wt. water)
1 < 1.060; 2 = 1.060-1.069; 3 = 1.070-1.079; 4 = 1.080-1.089; 5 > 1.090

V	4	R1	4	R2		R3		R4	

TOTAL GLYCOALKALOID CONTENT (mg. / 100 g. fresh tuber)

V	5.94	R1	18.97	R2		R3		R4	

OTHER QUALITY CHARACTERISTICS: Describe any other quality characteristics that may aid in identification, (e.g. chip-processing, french fry processing, baking, boiling, after-cooking darkening). Please attach data and corresponding protocol.

11. CHEMICAL IDENTIFICATION:

Describe chemical traits of the candidate variety that aid in its identification (e.g. protein or DNA electrophoresis). Please attach data and the corresponding protocol.

See exhibit D.1

12. ADDITIONAL COMMENTS AND CHARACTERISTICS:

Include any additional descriptors that would be useful in distinguishing the candidate variety.

NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME

ADDRESS *(Street and No. or RD No., City, State, Zip Code, and Country)*

FOR OFFICIAL USE ONLY

PVPO NUMBER

#200200127

REFERENCE VARIETIES: Enter the reference variety name in the appropriate box.

Application Variety (V)	Reference Variety 1 (R1)	Reference Variety 2 (R2)	Reference Variety 3 (R3)	Reference Variety 4 (R4)
FL 2006	Snowden			

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

1. MARKET CHARACTERISTICS:

***MARKET CLASS:**
1 = Yellow-flesh Tablestock 2 = Round-white Tablestock 3 = Chip-processing 4 = Frozen-processing
5 = Russet Tablestock 6 = Other _____

V		R1		R2		R3		R4	

2. LIGHT SPROUT CHARACTERISTICS: (See Figure 1)

***LIGHT SPROUT: GENERAL SHAPE**
1 = Spherical 2 = Ovoid 3 = Conica 4 = Broad cylindrica 5 = Narrow cylindrical 6 = Other _____

V	1	R1	3	R2		R3		R4	

***LIGHT SPROUT BASE: PUBESCENCE OF TIP**
1 = Absent 2 = Weak 3 = Medium 4 = Strong 5 = Very Strong

V	3	R1	2	R2		R3		R4	

***LIGHT SPROUT BASE: ANTHOCYANIN COLORATION**
1 = Green 2 = Red-violet 3 = Blue-violet 4 = Other(describe) _____

V	3	R1	3	R2		R3		R4	

***LIGHT SPROUT BASE: INTENSITY OF ANTHOCYANIN COLORATION (IF PRESENT)**
1 = Absent 2 = Weak 3 = Medium 4 = Strong 5 = Very Strong

V	4	R1	2	R2		R3		R4	

*** LIGHT SPROUT TIP: HABIT**
1 = Closed 2 = Intermediate 3 = Open

V	1	R1	2	R2		R3		R4	

2. LIGHT SPROUT CHARACTERISTICS: (continued)

LIGHT SPROUT TIP: PUBESCENCE
1 = Absent 2 = Weak 3 = Medium 4 = Strong 5 = Very Strong

V	R1	R2	R3	R4
1	3			

LIGHT SPROUT TIP ANTHOCYANIN COLORATION
1 = Green 2 = Red-violet 3 = Blue-violet 4 = Other(describe) _____

V	R1	R2	R3	R4
3	1			

LIGHT SPROUT TIP: INTENSITY OF ANTHOCANIN COLORATION (IF PRESENT)
1 = Absent 2 = Weak 3 = Medium 4 = Strong 5 = Very Strong

V	R1	R2	R3	R4
4	1			

LIGHT SPROUT ROOT INITIALS: FREQUENCY
1 = Short 2 = Medium 3 = Long

V	R1	R2	R3	R4
2	2			

3. PLANT CHARACTERISTICS:

GROWTH HABIT: (See Figure 2)
3 = Erect (>45° with ground) 5 = Semi-erect (30-45° with ground) 7 = Spreading

V	R1	R2	R3	R4

TYPE:
1 = Stem (foliage open, stems clearly visible) 2 = Intermediate 3 = Leaf (Foliage closed, stems hardly visible)

V	R1	R2	R3	R4

MATURITY: Days after planting (DAP) at vine senescence

V	R1	R2	R3	R4

PLANTING DATE:

V	R1	R2	R3	R4

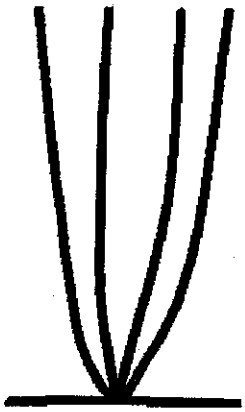
***REGIONAL AREA:**
1 = Pacific North West (WA, OR, ID, CO, CA) 2 = North Central (ND, WI, MI, MN, OH) 3 = North East (ME, NY, PA, NJ, MD, MA, RI,)
4 = Mid-Atlantic Erect (VI, NC, SC, South NJ, FL) 5 = South (LA, TX, AZ, NE) 6 = Canada
7 = Europe 8 = England 9 = Latin America 10 = Brazil 11 = Other _____

V	R1	R2	R3	R4

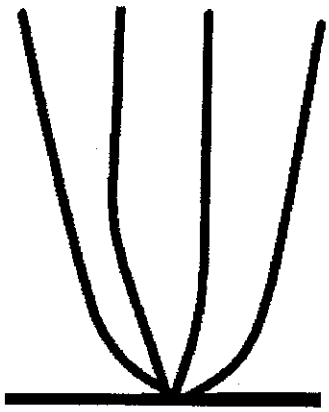
MATURITY CLASS:
1 = Very Early (<100 DAP) 2 = Early (100-110 DAP) 3 = Mid-season (111-120 DAP) 4 = Late (121-130 DAP) 5 = Very Late (>130 DAP).

V	R1	R2	R3	R4

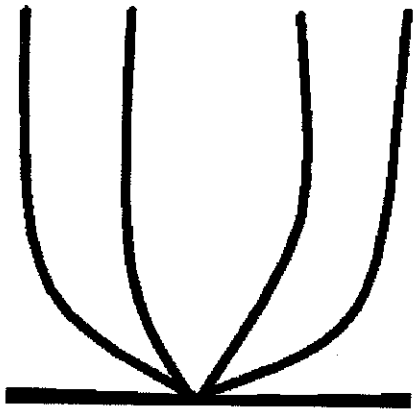
Figure 1: Growth Habit



3 = Erect
$>45^0$ with ground



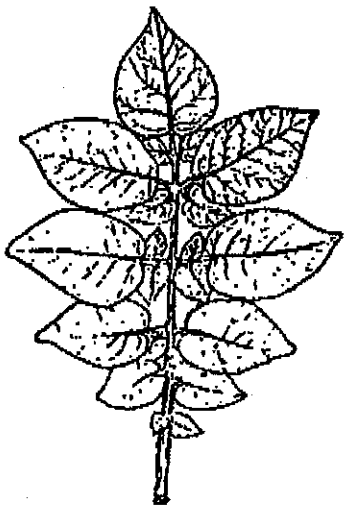
5 = Semi-erect
$30\text{-}45^0$ with ground



7 = Spreading
$<30^0$ with ground

Figure 2: Leaf Silhouette

1 = Closed



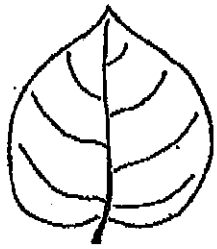
3 = Medium

5 = Open

Figure 3: Terminal Leaflet Shape / Primary Leaflet Shape

1=Narrowly Ovate

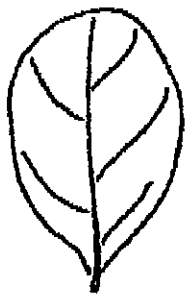
2=Medium Ovate



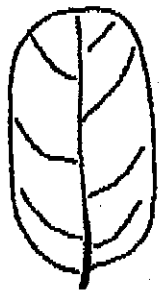
3=Broadly Ovate

4=Lanceolate

5=Elliptical

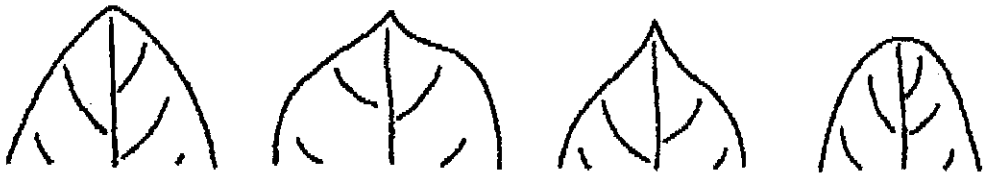


6=Obovate



7=Oblong

Figure 4: Terminal Leaflet Shape of Tip / Primary Leaflet Shape of Tip



1=Acute 2=Cuspidate 3=Acuminate 4=Obtuse

Figure 5: Terminal Leaflet Shape of Base / Primary Leaflet Shape of Base

1=Cuneate 2=Acute 3=Obtuse

4=Cordate 5=Truncate 6=Lobed

Figure 6: Corolla Shape

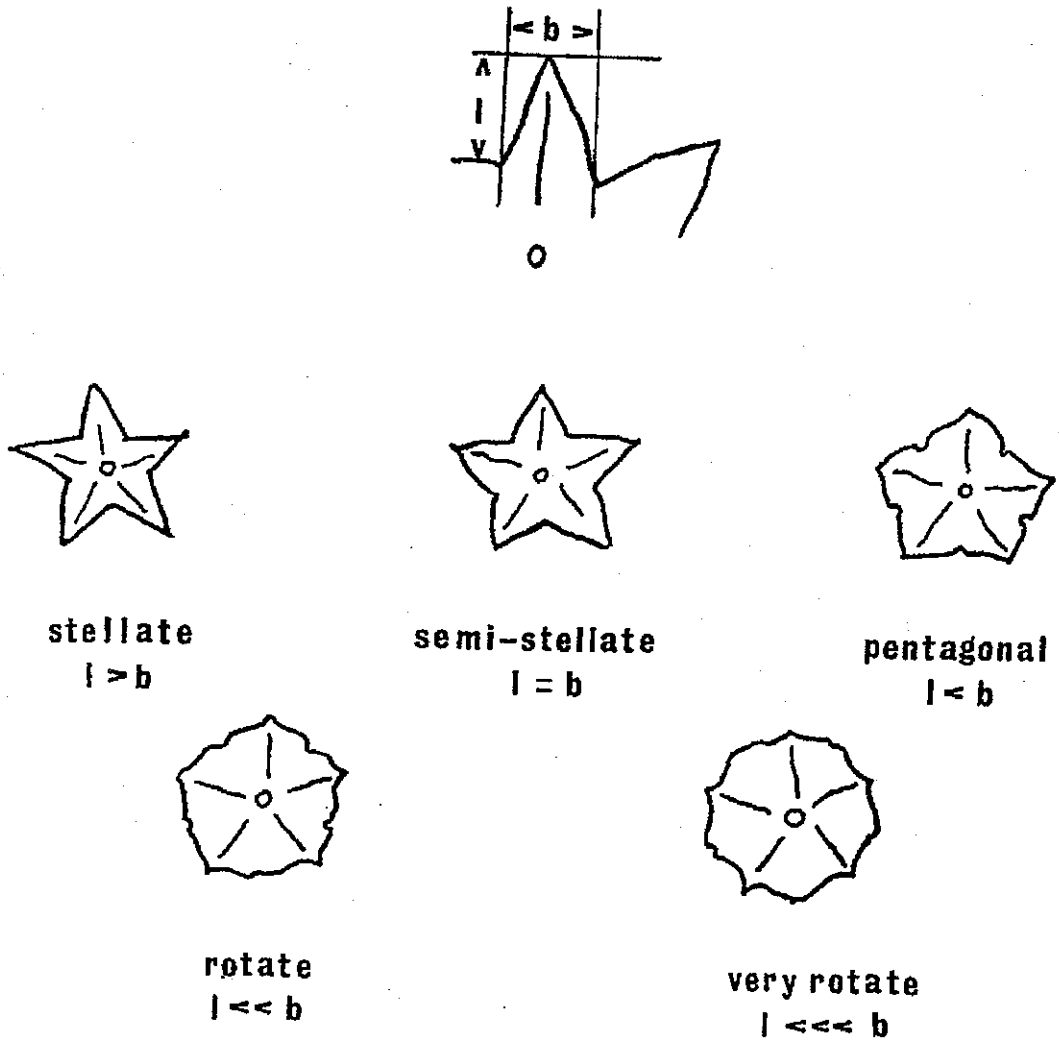


Figure 7: Anther Shape

1=Broad cone

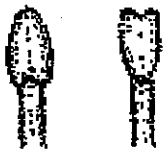
2=Narrow cone

3=Pear shape cone

4=Loose

Figure 8: Stigma Shape

1=Capitate

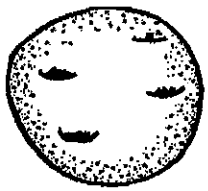


2=Clavate

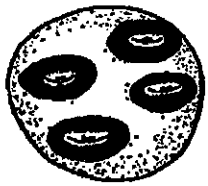
3=Bilobed

Figure 9: Distribution of Secondary Tuber Color

1=Eyes

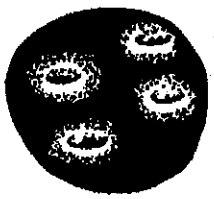


2=Eyebrows

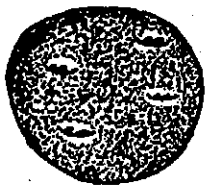


3=Splashed

4=Scattered

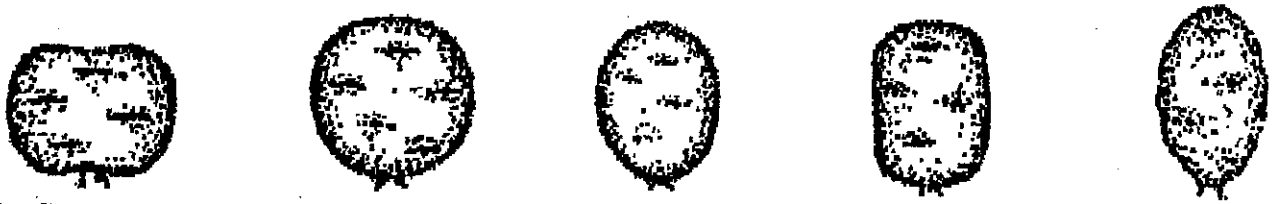


5=Spectacled



6=Stippled

Figure 10: Tuber Shape



1=Compressed 2=Round 3=Oval 4=Oblong 5=Long

Figure 11: Leaf Dissection

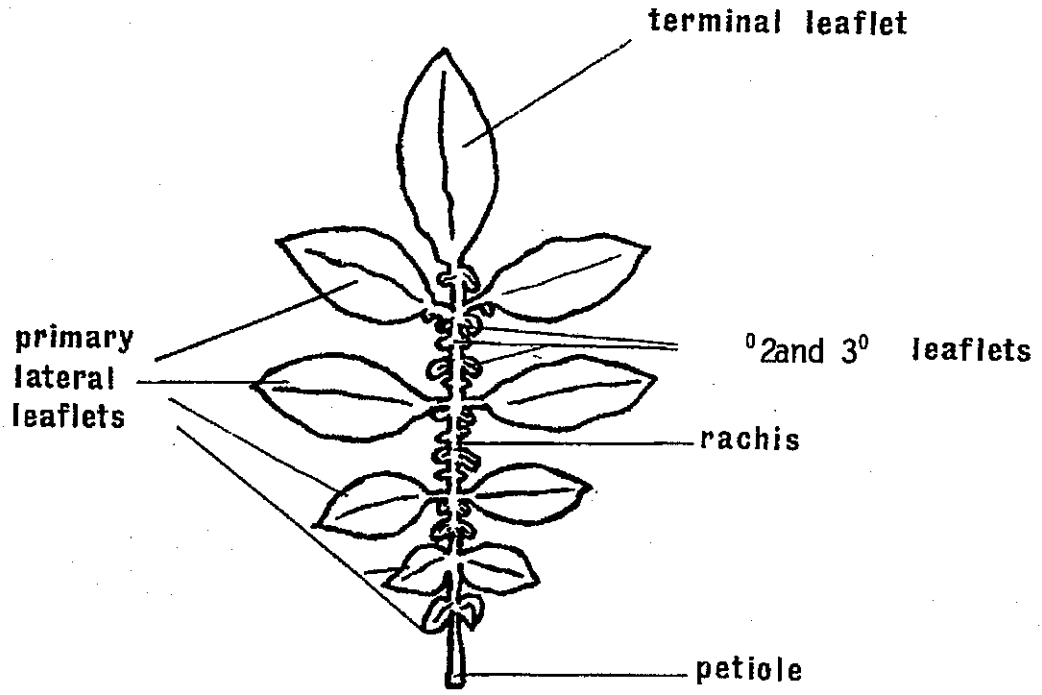


Figure: 12 Stem Wings

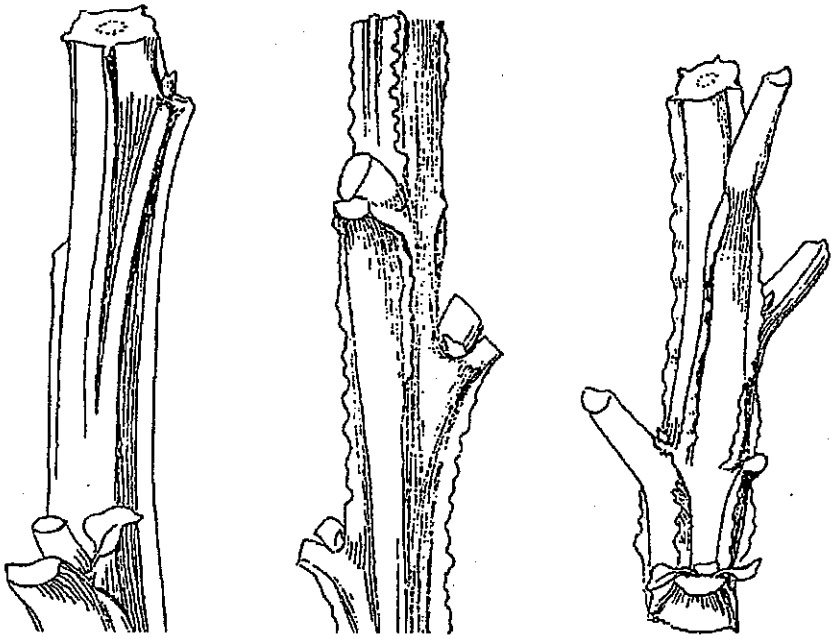


Figure 13: Leaf Stipules:

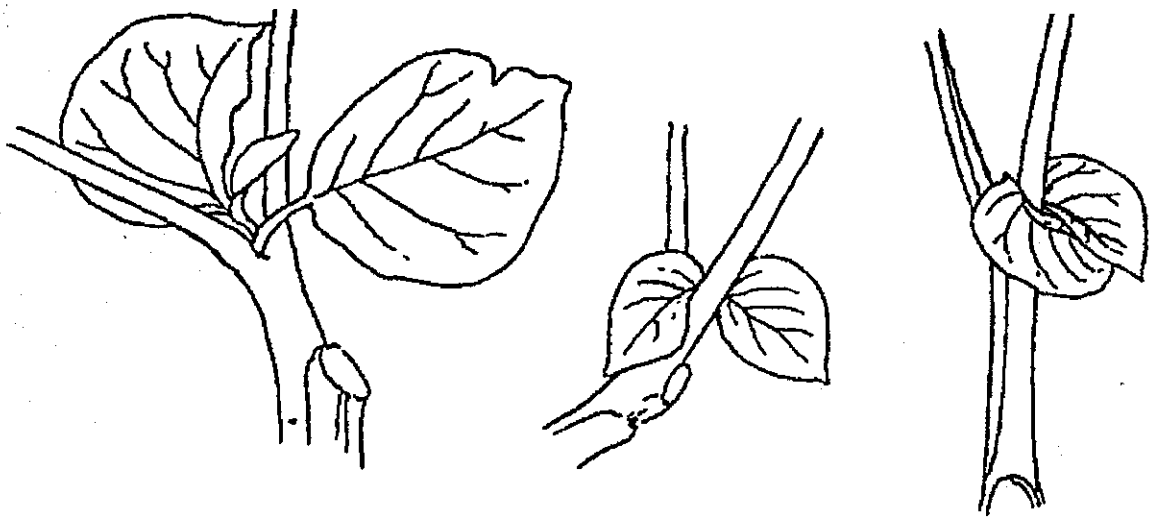


EXHIBIT D. Additional Description of the Variety

1) Isozyme fingerprint of FL 2006, with reference to methodology. Comparison of fingerprint with that of Snowden, showing distinct patterns for each variety (Exhibit D-1).
2) Dimension summary of 100-tuber sample of tuber dimensions of FL 2006 compared to 100 tubers of Snowden.

EXHIBIT D-1

Isozyme electrophoresis fingerprints of FL 2006 compared to Snowden.

Variety	Mdh-1	Mdh-2	Pgdh-3	Idh-1	Pgi-1	Aps-1	Got-1	Got-2	Pgm-1	Pgm-2	Dia-1	Prx-1	Prx-3	Adh-1
Snowden	1224	2222	2222	1112	2222	--	3344	3555	1122	2223	1111	--	--	--
FL 2006	2222	2222	1112	1112	2224	--	3344	3335	1111	2223	--	--	1144	--

Source of Data: Dr. David Douches, Michigan State University 2001

Procedures and allelic designations used are according to Douches, D.S. and K. Ludlam. 1991. Electrophoretic Characterization of North American Potato Cultivars. Am. Potato J. 68:767-780.

#200200127

Plant Variety Protection

FL 2006 - these tubers were grown in the Meredith field (Starks)

Date: 23 October 01

Tuber Measurements

Length (mm)	*Width (mm)*	*Depth (mm)*
86	57	43
95	68	53
75	59	49
98	80	56
91	72	50
69	60	45
81	57	50
83	64	52
80	57	46
73	49	41
67	52	44
85	65	50
70	60	48
95	74	52
90	68	50
78	67	54
83	56	48
98	72	57
75	60	48
76	60	50
80	55	51
94	66	53
66	50	44
74	57	43
92	64	44
86	67	52
84	69	46
98	71	55
66	52	52
66	58	49
66	57	52
70	52	44
90	68	53
76	67	56
90	72	55
73	51	38
69	53	44
94	55	47
100	71	55
77	61	46
91	64	52
76	66	48
92	71	54

Length:

Mean	78.68	Max	108
STD	10.57	Min	60

Width:

Mean	61.44	Max	81
STD	7.28	Min	49

Depth:

Mean	48.75	Max	61
STD	4.55	Min	36

#200200127

73	57	48
76	54	49
80	59	48
73	60	47
91	72	54
99	79	60
77	56	44
67	65	61
66	53	43
87	81	52
84	68	52
80	71	52
77	66	49
84	67	54
93	68	54
73	57	44
70	52	50
69	52	43
83	65	53
76	61	48
75	61	47
64	56	45
87	66	53
92	66	56
76	59	50
74	65	46
84	67	48
75	56	46
84	54	48
69	58	49
73	62	50
75	61	50
68	58	49
72	66	53
60	49	42
69	53	44
108	64	53
91	71	49
66	54	48
64	54	43
78	66	47
73	54	43
73	61	44
78	58	45
69	57	45
64	56	41
80	56	49
61	55	36
73	50	45

62	55	43
73	58	47
63	53	49
69	58	46
69	62	46
95	72	52
83	66	52
83	70	52

#200200127

Plant Variety Protection

Snowden - these tubers were grown in the Meredith field (Starks)

Date: 23 October 01

Tuber Measurements

Length (mm)	*Width (mm)*	*Depth (mm)*	C=Compressed
88	65	57	
70	70	50	
85	69	58	
85	78	58	
85	83	57	
70	74	54	
68	74	55	C
86	74	57	
55	63	46	C
76	63	47	
56	65	50	C
71	70	51	
68	58	44	
63	63	42	
78	74	52	
73	67	51	
60	55	45	
73	73	53	
59	60	48	C
70	66	49	
66	64	49	
67	69	58	C
63	61	51	
61	63	52	C
76	68	44	
66	56	42	
63	63	51	
65	63	44	
66	69	52	
67	67	53	
72	66	53	
64	64	49	
72	70	48	
66	59	50	
58	51	50	
61	66	59	C
80	70	54	
67	65	50	
86	78	59	
70	66	38	
73	73	58	
59	64	49	
60	63	54	C

Length:			
Mean	67.14	Max	88
STD	8.63	Min	51
Width:			
Mean	65.72	Max	84
STD	5.96	Min	51
Depth:			
Mean	51.53	Max	63
STD	4.46	Min	38

67	67	51	
71	67	53	
83	75	53	
66	65	56	
72	59	44	
78	78	54	
81	74	53	
73	72	53	
71	67	51	
55	59	47	C
73	73	56	
66	69	51	C
63	70	54	C
59	59	49	
63	63	53	
64	67	51	C
66	66	53	
63	65	47	C
70	71	55	C
55	59	51	C
63	63	46	
64	67	51	C
59	58	54	
59	59	50	
52	64	50	C
62	63	50	C
79	84	59	C
79	66	54	
51	59	58	
71	63	45	
70	65	56	
73	67	55	
59	61	45	C
61	59	45	
86	74	55	
59	61	58	C
57	69	46	C
66	64	53	
60	58	49	
59	59	53	
57	58	55	C
58	61	50	C
67	67	56	
83	70	63	
59	60	48	C
60	65	54	C
71	65	46	
60	59	48	
64	64	52	

60	64	51	C
58	59	54	
61	64	50	C
53	58	51	
66	71	56	C
66	63	51	
70	66	55	
66	68	55	

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued *(7 U.S.C. 2421)*. The information is held confidential until the certificate is issued *(7 U.S.C. 2426)*.

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Frito-Lay North America, Inc.	1995 191.2	FL2006
4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	**5. TELEPHONE** *(Include area code)*	**6. FAX** *(Include area code)*
7701 Legacy Drive Plano, Texas 75024	(972)334-3822	(972)334-5965
	7. PVPO NUMBER #200200127	

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. **If no, please explain** [X] YES [ ]

9. Is the applicant (individual or company) a U.S. National or a U.S. based company? **If no, give name of country** [X] **YES** [ ] NO

10. Is the applicant the original owner? [X] YES [ ] NO **If no, please answer one of the following:**

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

[ ] YES [ ] NO **If no, give name of country**

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

[ ] YES [ ] NO **If no, give name of country**

11. Additional explanation on ownership *(If needed, use the reverse for extra space)*:

Breeders employed by Frito-Lay, Inc. developed the variety FL 2006. By agreement between Frito-Lay and its employees, all rights to inventions and discoveries made by the employees while employed by Frito-Lay, Inc. are assigned to Recot, Inc., with no ownership rights of any kind retained by employees.

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

2002 00127

State of Delaware
Secretary of State
Division of Corporations
Delivered 05:24 PM 01/15/2004
FILED 05:24 PM 01/15/2004
SRV 040033329 – 2202650 FILE

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT
OF CERTIFICATE OF INCORPORATION

Recot, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

DOES HEREBY CERTIFY:

FIRST: The Board of Directors of Recot, Inc. has duly adopted a resolution setting forth a proposed amendment of the Certificate of Incorporation of said corporation, declaring said amendment to be advisable. The resolution setting forth the proposed amendment is as follows:

RESOLVED, that the Certificate of Incorporation of this corporation be amended by changing the Article thereof numbered "ARTICLE ONE" so that, as amended, said Article shall be and read as follows:

The name of the corporation is FRITO-LAY NORTH AMERICA, INC.

SECOND: That said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

THIRD: That the capital of said corporation shall not be reduced under or by reason of said amendment.

FOURTH: That this name change shall be effective December 29, 2003, for accounting purposes only.

FIFTH: That the Principal Administrative Office for Frito-Lay North America, Inc. shall be located at 7701 Legacy Drive, Plano, Texas 75024.

IN WITNESS WHEREOF, said Recot, Inc. has caused this certificate to be signed by Kelly Mahon Tullier, an Authorized Officer, this 20th day of January, 2004.

By: _____
Authorized Officer

Title: Vice President and Treasurer
Name: Kelly Mahon Tullier

EXHIBIT E. Statement of the Applicant's Ownership

Breeders employed by Frito-Lay, Inc developed the variety FL 2006, for which Plant Variety Protection is hereby sought. By agreement between Frito-Lay and its employees, all rights to inventions and discoveries made by the employees while employed by Frito-Lay, Inc. are assigned to Recot, Inc., with no ownership rights of any kind retained by employees.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT F
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S)	ADDRESS *(Street and No. or RD No., City, State, and Zip Code and Country)*	TEMPORARY OR EXPERIMENTAL DESIGNATION
Frito Lay North America, Inc.	7701 Legacy Drive Plano, TX 75024	1995 191.2
		VARIETY NAME FL 2006
NAME OF OWNER REPRESENTATIVE (S)	ADDRESS *(Street and No. or RD No., City, State, and Zip Code and Country)*	FOR OFFICIAL USE ONLY
Robert W. Hoopes	7701 Legacy Drive Plano, TX 75024	PVPO NUMBER #200200127

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Robert W Hoopes
Signature

12/19/06
Date